

SEQUENCE LISTING

(1) GENERAL INFORMATION

- (i) APPLICANT: Rao, A. Gururaj
Beach, Larry
- (ii) TITLE OF THE INVENTION: High Lysine Derivatives of
Alpha-Hordothionin
- (iii) NUMBER OF SEQUENCES: 1
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: Pioneer Hi-Bred International, Inc.
 - (B) STREET: 7100 NW 62nd Avenue, P.O. Box 1000
 - (C) CITY: Johnston
 - (D) STATE: IA
 - (E) COUNTRY: USA
 - (F) ZIP: 50131
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Diskette
 - (B) COMPUTER: IBM Compatible
 - (C) OPERATING SYSTEM: DOS
 - (D) SOFTWARE: FastSEQ for Windows Version 2.0
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER:
 - (B) FILING DATE:
 - (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/838,763
 - (B) FILING DATE: 10-APR-1997
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/575,654
 - (B) FILING DATE: 20-DEC-1995
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 08/003,885
 - (B) FILING DATE: 13-JAN-1993
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: BROOKE, CATHERINE D.
 - (B) REGISTRATION NUMBER: 44,041
 - (C) REFERENCE/DOCKET NUMBER: 0233C3
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: 515-248-4819
 - (B) TELEFAX: 515-334-6883
 - (C) TELEX:

(2) INFORMATION FOR SEQ ID NO:1:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 45 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Lys	Ser	Cys	Cys	Arg	Ser	Thr	Leu	Gly	Arg	Asn	Cys	Tyr	Asn	Leu	Cys
1				5				10						15	
Arg	Val	Arg	Gly	Ala	Gln	Lys	Leu	Cys	Ala	Gly	Val	Cys	Arg	Cys	Lys
			20					25					30		
Leu	Thr	Ser	Ser	Gly	Lys	Cys	Pro	Thr	Gly	Phe	Pro	Lys			
		35					40					45			